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*Smith*

COOPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS

U. S. DEPARTMENT OF AGRICULTURE  
AND STATE AGRICULTURAL COLLEGES  
COOPERATING



STATES RELATIONS SERVICE  
OFFICE OF EXTENSION WORK NORTH AND WEST  
WASHINGTON, D. C.

## THIS LOOKS GOOD

### RUST RESISTANT WHEAT IN NORTH DAKOTA - A DEMONSTRATION "WITH A KICK"

As wheat harvest approaches in the spring wheat belt, farmers literally lay awake nights wondering if the prospect of a bountiful harvest will not be suddenly eclipsed by the dreaded black rust, the bane of the wheat farmer.

The North Dakota Experiment Station, after years of observation and experiment, has found certain varieties that seem especially rust resistant. These are of the durum type; especially Kubanka, D-1, and D-5 seem practically rust resistant. During the past season county agents in nine counties in North Dakota gave specific demonstrations with these durum rust-resistant varieties and have demonstrated that they appear to be the only classes of wheat grown in the State that will not rust and that will give farmers a good yield.

For the year 1920 the increased yield due to the introduction of these new varieties increased the total wheat production of North Dakota by over a million bushels. The average increase in yield in 14 counties involving 337 demonstrations amounts to 6.5 bushels per acre. County agents have been able to withhold this seed from sale and it is in the farmers' hands available for selling, and for this purpose is commanding a price of from \$2.50 to \$2.75 per bushel.

The extension organization affords a quick means of bringing these valuable matters to the attention of farmers and securing their adoption as a part of farm practices.

County Agent Section  
4-9-'21  
No. 40 L *W.L.*

